

## Capstone stage 1

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**GitHub Username:** `eriktx11`

**App name:** Joshua | Church finder - Powered by 

## Description

Are you visiting this town and wondering where is the nearest Church for worship? “Joshua” is here to help. But why get only that when you can get also the Church rating. Download this app now and don’t miss this information.

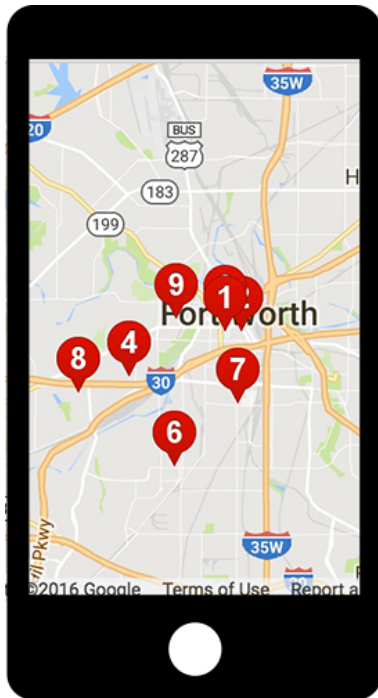
## Intended User

Traveller, visitor, church goer

## Features

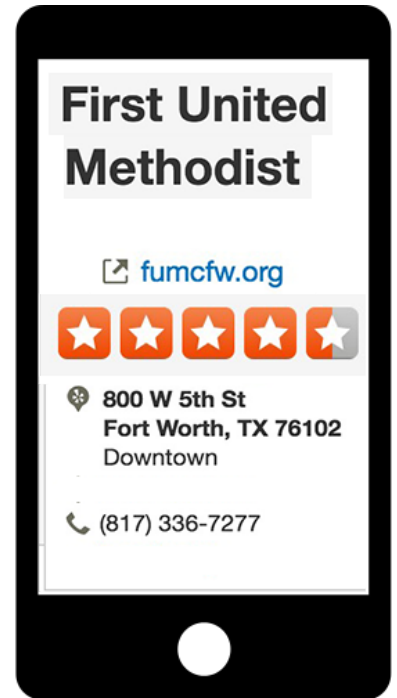
- Displays a map with Churches within certain radius based on user location.
- Allows the user to see the church rating in a new screen
- Shows the user the desired church’s address, phone number and website.

## User Interface Mocks



Screen 1

Map with Churches in location



Screen 2

Detailed View

## Key Considerations

### Handling of data persistence

Schematic Library to handle off line events.

### About libraries

- Schematic library for data persistence.
- Design library is used for AppCompatActivity

### About Google Play Services.

- The app customizes the user's experience by using the device's location
- The app uses Google Maps

# Required Tasks

## Task 1: Project Setup

- Configure Schematic for data persistence
- Configure SyncAdapter to pull with API for Json
- Configure fragment for tablet
- Configure gradle for google libraries
- Configure gradle to store secret passwords and API key
- Configure GPS google service based on user location
- Connect the API to Yelp.com
- Display churches in map after parsing Json
- Setup RTL layouts
- Setup button descriptions where necessary
- Strings are handle in string.xml

## Task 2: Implementing UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for Fragment (Detailed View)
- Setup RTL layouts
- Setup button descriptions where necessary
- Setup toolbar

## Task 3: Implementing Google Map Service

- Create layout
- Establish GPS location

## Task 4: Handle of intents

- Created intent to launch Church's website

## Task 5: Handle of error when off line

- Pull for last stored information in database

## Task 6: Handle of error if Json brings null

- Control if selection of place doesn't have rating, address or website.